01/10/2012

#### **Results of Sample Analysis**

Sample: 5613-1 Project ID: RKA72Q00

These are the results from the analysis of water sample number 5613-1. This sample was collected on 12/13/2011 at the location described as: MGW-01 (AMU-7). If you have any questions about these results, contact Ron King at the above address-or by calling 913-551-7568. Correspondence should refer to sample number 5613-1 for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Analysis/Analyte	Amount Found	Units
<b>Conductivity (Specific Conductivity)</b>	by Field Measurement	
Conductivity	593	Micromhos per Centimeter
pH of Water by Field Measurement		
pH	6.01	Standard Units (pH)
Temperature of Water by Field Meas	surement	-
Temperature	12.07	Degrees Celsius

# <u>Volatile Organic Compounds (VOCs) in Drinking Water by Gas Chromatography and Mass Selective Detection (GC/MS)</u>

Acetone	Less Than 10	Mıçrograms per Liter
Benzene	Less Than 0.50	Micrograms per Liter
Bromobenzene	Less Than 0.50	Micrograms per Liter
Bromochloromethane	Less Than 0.50	Micrograms per Liter
Bromodichloromethane	Less Than 0.50	Micrograms per Liter
Bromoform	Less Than 0.50	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
n-Butylbenzene	Less Than 0.50	Micrograms per Liter
sec-Butylbenzene	Less Than 0.50	Micrograms per Liter
tert-Butylbenzene	Less Than 0.50	Micrograms per Liter
Carbon Disulfide	Less Than 0.50	Micrograms per Liter
Carbon Tetrachloride	Less Than 0.50	Micrograms per Liter
Chlorobenzene	Less Than 0.50	Micrograms per Liter
Chloroethane	Less Than 0.50	Micrograms per Liter
Chloroform	Less Than 0.50	Micrograms per Liter

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Sample: 5613-1 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Chloromethane	Less Than 1.0	Micrograms per Liter
2-Chlorotoluene	Less Than 0.50	Micrograms per Liter
4-Chlorotoluene	Less Than 0.50	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 1.0	Micrograms per Liter
Dibromochloromethane	Less Than 0.50	Micrograms per Liter
1,2-Dibromoethane	Less Than 0.50	Micrograms per Liter
Dibromomethane	Less Than 0.50	Micrograms per Liter
1,2-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
Dichlorodifluoromethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,2-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethene	Less Than 0.50	Micrograms per Liter
cıs-1,2-Dıchloroethene	Less Than 0.50	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
1,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,3-Dichloropropane	Less Than 1.0	Micrograms per Liter
2,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,1-Dichloropropene	Less Than 0.50	Micrograms per Liter
cıs-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
Ethyl Benzene	Less Than 0.50	Micrograms per Liter
Hexachlorobutadiene	Less Than 0.50	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 0.50	Micrograms per Liter
p-Isopropyltoluene	Less Than 0.50	Micrograms per Liter
Methylene Chloride	Less Than 0.50	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 1.0	Micrograms per Liter
n-Propylbenzene	Less Than 0.50	Micrograms per Liter
Styrene	Less Than 0.50	Micrograms per Liter
1,1,1,2-Tetrachloroethane	Less Than 0.50	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	87	Micrograms per Liter
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Sample: 5613-1 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Toluene	Less Than 0.50	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 0.50	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 0.50	Micrograms per Liter
Trichloroethene	1.3	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,2,3-Trichloropropane	Less Than 0.50	Micrograms per Liter
1,2,4-Trimethylbenzene	Less Than 0.50	Mıcrograms per Liter
1,3,5-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
Vinyl Chloride	Less Than 0.50	Micrograms per Liter
m and/or p-Xylene	Less Than 0.50	Micrograms per Liter
o-Xylene	Less Than 0.50	Micrograms per Liter

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#### **Results of Sample Analysis**

Sample: 5613-1-FD Project ID: RKA72Q00

These are the results from the analysis of water sample number 5613-1-FD. This sample was collected on 12/13/2011 at the location described as: MGW-01 (AMU-7)/Field Duplicate of sample 1. If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-1-FD for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Analysis/Analyte	Amount Found	Units
<b>Conductivity (Specific Conductivity)</b>	by Field Measurement	
Conductivity	593	Micromhos per Centimeter
pH of Water by Field Measurement	,	,
рH	6.01	Standard Units (pH)
Temperature of Water by Field Meas	urement	
Temperature	12.07	Degrees Celsius

# <u>Volatile Organic Compounds (VOCs) in Drinking Water by Gas Chromatography and Mass Selective Detection (GC/MS)</u>

Acetone	Less Than 10	Micrograms per Liter
Benzene	Less Than 0.50	Micrograms per Liter
Bromobenzene	Less Than 0.50	Mıcrograms per Liter
Bromochloromethane	Less Than 0.50	Micrograms per Liter
Bromodichloromethane	Less Than 0.50	Micrograms per Liter
Bromoform	Less Than 0.50	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
n-Butylbenzene	Less Than 0.50	Micrograms per Liter
sec-Butylbenzene	Less Than 0.50	Micrograms per Liter
tert-Butylbenzene	Less Than 0.50	Micrograms per Liter
Carbon Disulfide	Less Than 0.50	Micrograms per Liter
Carbon Tetrachloride	Less Than 0.50	Micrograms per Liter
Chlorobenzene	Less Than 0.50	Micrograms per Liter
Chloroethane	Less Than 0.50	Micrograms per Liter
Chloroform	Less Than 0.50	Micrograms per Liter

Sample: 5613-1-FD Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Chloromethane	Less Than 1.0	Micrograms per Liter
2-Chlorotoluene	Less Than 0.50	Micrograms per Liter
4-Chlorotoluene	Less Than 0.50	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 1.0	Micrograms per Liter
Dibromochloromethane	Less Than 0.50	Micrograms per Liter
1,2-Dibromoethane	Less Than 0.50	Micrograms per Liter
Dibromomethane	Less Than 0.50	Micrograms per Liter
1,2-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
Dichlorodifluoromethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,2-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethene	Less Than 0.50	Micrograms per Liter
cis-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
1,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,3-Dichloropropane	Less Than 1.0	Micrograms per Liter
2,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,1-Dichloropropene	Less Than 0.50	Micrograms per Liter
cıs-1,3-Dıchloropropene	Less Than 0.50	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 0.50	Mıcrograms per Liter
Ethyl Benzene	Less Than 0.50	, Micrograms per Liter
Hexachlorobutadiene	Less Than 0.50	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 0.50	Micrograms per Liter
p-Isopropyltoluene	Less Than 0.50	Micrograms per Liter
Methylene Chloride	Less Than 0.50	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 1.0	Micrograms per Liter
n-Propylbenzene	Less Than 0.50	Micrograms per Liter
Styrene	Less Than 0.50	Micrograms per Liter
1,1,1,2-Tetrachloroethane	Less Than 0.50	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	87	Micrograms per Liter

Sample: 5613-1-FD Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units	
Toluene	Less Than 0.50	Micrograms per Liter	
1,2,3-Trichlorobenzene	Less Than 0.50	Micrograms per Liter	
1,2,4-Trichlorobenzene	Less Than 0.50	Micrograms per Liter	
1,1,1-Trichloroethane	Less Than 0.50	Micrograms per Liter	
1,1,2-Trichloroethane	Less Than 0.50	Micrograms per Liter	
Trichloroethene	1.3	Micrograms per Liter	
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter	
1,2,3-Trichloropropane	Less Than 0.50	Micrograms per Liter	`
1,2,4-Trimethylbenzene	Less Than 0.50	Micrograms per Liter	
1,3,5-Trimethylbenzene	Less Than 0.50	Micrograms per Liter	
Vinyl Chloride	Less Than 0.50	Micrograms per Liter	
m and/or p-Xylene	Less Than 0.50	Micrograms per Liter	
o-Xylene	Less Than 0.50	Micrograms per Liter	

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#### **Results of Sample Analysis**

Sample: 5613-2 Project ID: RKA72Q00

These are the results from the analysis of water sample number 5613-2. This sample was collected on 12/13/2011 at the location described as: MGW-02 (AMU-16). If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-2 for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Analysis/Analyte	Amount Found	Units
Conductivity (Specific Conductivity) by	Field Measurement	-
Conductivity	294	Micromhos per Centimeter
pH of Water by Field Measurement		
рН	6.46	Standard Units (pH)
Temperature of Water by Field Measure	ement	•
Temperature ,	10.99	Degrees Celsius
Volatile Organic Compounds (VOCs) in	Drinking Water by Gas Cl	hromatography and Mass
Selective Detection (GC/MS)		
Acetone	Less Than 10	Micrograms per Liter
Benzene	Less Than 0.50	Micrograms per Liter
Bromobenzene	Less Than 0.50	Micrograms per Liter
Bromochloromethane	Less Than 0.50	Micrograms per Liter
Bromodichloromethane	Less Than 0.50	Micrograms per Liter
Bromoform	Less Than 0.50	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
n-Butylbenzene	Less Than 0.50	Micrograms per Liter
sec-Butylbenzene	Less Than 0.50	Micrograms per Liter
tert-Butylbenzene	Less Than 0.50	Micrograms per Liter
Carbon Disulfide	Less Than 0.50	Micrograms per Liter
Carbon Tetrachloride	Less Than 0.50	Micrograms per Liter
Chlorobenzene	Less Than 0.50	Micrograms per Liter
Chloroethane	Less Than 0.50	Micrograms per Liter
Chloroform	Less Than 0.50	Micrograms per Liter

Sample: 5613-2 Project ID: RKA72Q00

Analysis/Analyte	.Amount Found	Units
Chloromethane	Less Than 1.0	Micrograms per Liter
2-Chlorotoluene	Less Than 0.50	Micrograms per Liter
4-Chlorotoluene	Less Than 0.50	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 1.0	Micrograms per Liter
Dibromochloromethane	Less Than 0.50	Micrograms per Liter
1,2-Dibromoethane	Less Than 0.50	Micrograms per Liter
Dibromomethane	Less Than 0.50	Micrograms per Liter
1,2-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
Dichlorodifluoromethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethane	Less Than 0.50	Micrograms per Liter -
1,2-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethene	Less Than 0.50	Micrograms per Liter
cıs-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
1,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,3-Dichloropropane	Less Than 1.0	Micrograms per Liter
2,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,1-Dichloropropene	Less Than 0.50	Micrograms per Liter
cis-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
Ethyl Benzene	Less Than 0.50	Micrograms per Liter
Hexachlorobutadiene	Less Than 0.50	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 0.50	Micrograms per Liter
p-Isopropyltoluene	Less Than 0.50	Micrograms per Liter
Methylene Chloride	Less Than 0.50	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 1.0	Micrograms per Liter
n-Propylbenzene	Less Than 0.50	Micrograms per Liter
Styrene	Less Than 0.50	Micrograms per Liter
1,1,1,2-Tetrachloroethane	Less Than 0.50	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 0.50	Micrograms per Liter

Sample: 5613-2 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Toluene	Less Than 0.50	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 0.50	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 0.50	Micrograms per Liter
Trichloroethene	Less Than 0.50	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,2,3-Trichloropropane	Less Than 0.50	Micrograms per Liter
1,2,4-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
1,3,5-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
Vinyl Chloride	Less Than 0.50	Micrograms per Liter
m and/or p-Xylene	Less Than 0.50	Micrograms per Liter
o-Xylene	Less Than 0.50	Micrograms per Liter

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#### **Results of Sample Analysis**

Sample: 5613-3 Project ID: RKA72Q00

These are the results from the analysis of water sample number 5613-3. This sample was collected on 12/13/2011 at the location described as: MGW-03 (AMU-13). If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-3 for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Analysis/Analyte	Amount Found	<u>Units</u>
<b>Conductivity (Specific Conductivity</b>	) by Field Measurement	
Conductivity	283	Micromhos per Centimeter
pH of Water by Field Measurement		
рН	6.41	Standard Units (pH)
Temperature of Water by Field Mea	surement	
Temperature .	10.87	Degrees Celsius

# <u>Volatile Organic Compounds (VOCs) in Drinking Water by Gas Chromatography and Mass Selective Detection (GC/MS)</u>

Beleggive Beteetion (de/ 1/18)		
Acetone	Less Than 10	Micrograms per Liter
Benzene	Less Than 0.50	Micrograms per Liter
Bromobenzene	Less Than 0.50	Micrograms per Liter
Bromochloromethane	Less Than 0.50	Micrograms per Liter
Bromodichloromethane .	Less Than 0.50	Micrograms per Liter
Bromoform	Less Than 0.50	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
n-Butylbenzene	Less Than 0.50	Micrograms per Liter
sec-Butylbenzene	Less Than 0.50	Micrograms per Liter
tert-Butylbenzene	Less Than 0.50	Micrograms per Liter
Carbon Disulfide	Less Than 0.50	Micrograms per Liter
Carbon Tetrachloride	Less Than 0.50	Micrograms per Liter
Chlorobenzene	Less Than 0.50	Micrograms per Liter
Chloroethane	Less Than 0.50	Micrograms per Liter
Chloroform	Less Than 0.50	Micrograms per Liter

Sample: 5613-3 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	<u>Units</u>
Chloromethane	Less Than 1.0	Micrograms per Liter
2-Chlorotoluene	Less Than 0.50	Micrograms per Liter
4-Chlorotoluene	Less Than 0.50	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 1.0	Micrograms per Liter
Dibromochloromethane	Less Than 0.50	Micrograms per Liter
1,2-Dibromoethane	Less Than 0.50	Micrograms per Liter
Dibromomethane	Less Than 0.50	Micrograms per Liter
1,2-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 0.50	Mıcrograms per Liter
Dichlorodifluoromethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,2-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethene	Less Than 0.50	Micrograms per Liter
cıs-1,2-Dıchloroethene	Less Than 0.50	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
1,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,3-Dichloropropane	Less Than 1.0	Micrograms per Liter
2,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,1-Dichloropropene	Less Than 0.50	Micrograms per Liter
cis-1,3-Dıchloropropene	Less Than 0.50	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 0.50	Mıcrograms per Liter
Ethyl Benzene	Less Than 0.50	Micrograms per Liter
Hexachlorobutadiene	Less Than 0.50	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 0.50	Micrograms per Liter
p-Isopropyltoluene	Less Than 0.50	Micrograms per Liter
Methylene Chloride	Less Than 0.50	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 1.0	Micrograms per Liter
n-Propylbenzene	Less Than 0.50	Micrograms per Liter
Styrene	Less Than 0.50	Micrograms per Liter
1,1,1,2-Tetrachloroethane	Less Than 0.50	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 0.50	Micrograms per Liter

Sample: 5613-3 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units	
Toluene	Less Than 0.50	Micrograms per Liter	
1,2,3-Trichlorobenzene	Less Than 0.50	Micrograms per Liter	
1,2,4-Trichlorobenzene	Less Than 0.50	Micrograms per Liter	
1,1,1-Trichloroethane	Less Than 0.50	Micrograms per Liter	
1,1,2-Trichloroethane	Less Than 0.50	Micrograms per Liter	
Trichloroethene	Less Than 0.50	Micrograms per Liter	
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter	
1,2,3-Trichloropropane	Less Than 0.50	Micrograms per Liter	
1,2,4-Trimethylbenzene	Less Than 0.50	Micrograms per Liter	
1,3,5-Trimethylbenzene	Less Than 0.50	Micrograms per Liter	
Vinyl Chloride	Less Than 0.50	Micrograms per Liter	
m and/or p-Xylene	Less Than 0.50	Micrograms per Liter	
o-Xylene	Less Than 0.50	Micrograms per Liter	

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#### **Results of Sample Analysis**

Sample: 5613-4 Project ID: RKA72Q00

These are the results from the analysis of water sample number 5613-4. This sample was collected on 12/13/2011 at the location described as: MGW-04 (AMU-11). If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-4 for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Analysis/Analyte	Amount Found	Units		
Conductivity (Specific Conductivity) by Field Measurement				
Conductivity	578	Micromhos per Centimeter		
pH of Water by Field Measurement				
pΗ	6.42	Standard Units (pH)		
Temperature of Water by Field Meas	<u>urement</u>			
Temperature	10.78	Degrees Celsius		
		•		

# <u>Volatile Organic Compounds (VOCs) in Drinking Water by Gas Chromatography and Mass Selective Detection (GC/MS)</u>

Acetone	Less Than 10	Micrograms per Liter
Benzene	Less Than 0.50	Micrograms per Liter
Bromobenzene	Less Than 0.50	Micrograms per Liter
Bromochloromethane	Less Than 0.50	Micrograms per Liter
Bromodichloromethane	Less Than 0.50	Micrograms per Liter
Bromoform	Less Than 0.50	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
n-Butylbenzene	Less Than 0.50	Micrograms per Liter
sec-Butylbenzene	Less Than 0.50	Micrograms per Liter
tert-Butylbenzene	Less Than 0.50	Micrograms per Liter
Carbon Disulfide	Less Than 0.50	Micrograms per Liter
Carbon Tetrachloride	Less Than 0.50	Micrograms per Liter
Chlorobenzene	Less Than 0.50	Micrograms per Liter
Chloroethane	Less Than 0.50	Micrograms per Liter
Chloroform	Less Than 0.50	Micrograms per Liter

Sample: 5613-4 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Chloromethane	Less Than 1.0	Micrograms per Liter
2-Chlorotoluene	Less Than 0.50	Micrograms per Liter
4-Chlorotoluene	Less Than 0.50	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 1.0	Micrograms per Liter
Dibromochioromethane	Less Than 0.50	Micrograms per Liter
1,2-Dibromoethane	Less Than 0.50	Micrograms per Liter
Dibromomethane	Less Than 0.50	Micrograms per Liter
1,2-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
Dichlorodifluoromethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,2-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethene	Less Than 0.50	Micrograms per Liter
cıs-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter ,
1,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,3-Dichloropropane	Less Than 1.0	Micrograms per Liter
2,2 <sub>7</sub> Dichloropropane	Less Than 0.50	Micrograms per Liter
1,1-Dichloropropene	Less Than 0.50	Micrograms per Liter
cıs-1,3-Dıchloropropene	Less Than 0.50	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 0,50	Micrograms per Liter
Ethyl Benzene	Less Than 0.50	Micrograms per Liter
Hexachlorobutadiene	Less Than 0.50	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 0.50	Micrograms per Liter
p-Isopropyltoluene	Less Than 0.50	Micrograms per Liter
Methylene Chlonde	Less Than 0.50	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 1.0	Micrograms per Liter
n-Propylbenzene	Less Than 0.50	Micrograms per Liter
Styrene `	Less Than 0.50	Micrograms per Liter
1,1,1,2-Tetrachloroethane	Less Than 0.50	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 0.50	Micrograms per Liter

Sample: 5613-4 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units	
Toluene	Less Than 0.50	Micrograms per Liter	
1,2,3-Trichlorobenzene	Less Than 0.50	Micrograms per Liter	
1,2,4-Trichlorobenzene	Less Than 0.50	Micrograms per Liter	
1,1,1-Trichloroethane	Less Than 0.50	Micrograms per Liter	
1,1,2-Trichloroethane	Less Than 0.50	Micrograms per Liter	
Trichloroethene	Less Than 0.50	Micrograms per Liter	
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter	
1,2,3-Trichloropropane	Less Than 0.50	Micrograms per Liter	
1,2,4-Trimethylbenzene	Less Than 0.50	Micrograms per Liter	
1,3,5-Trimethylbenzene	Less Than 0.50	Micrograms per Liter	
Vinyl Chloride	Less Than 0.50	Micrograms per Liter	
m and/or p-Xylene	Less Than 0.50	Micrograms per Liter	
o-Xvlene	Less Than 0.50	Micrograms per Liter	

01/10/2012

#### **Results of Sample Analysis**

Sample: 5613-5 Project ID: RKA72Q00

These are the results from the analysis of water sample number 5613-5. This sample was collected on 12/13/2011 at the location described as: MGW-05 (AMU-10). If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-5 for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Analysis/Analyte	Amount Found	Units
Conductivity (Specific Conducti	vity) by Field Measurement	
Conductivity	393	Micromhos per Centimeter
pH of Water by Field Measurem	nent	
рН	6.61	Standard Units (pH)
Temperature of Water by Field	Measurement	
Temperature	11.88	Degrees Celsius
Volatile Organic Compounds (V	OCs) in Drinking Water by Gas Cl	hromatography and Mass

# <u>Volatile Organic Compounds (VOCs) in Drinking Water by Gas Chromatography and Mass Selective Detection (GC/MS)</u>

Acetone	Less Than 10	Micrograms per Liter
Benzene	Less Than 0.50	Micrograms per Liter
Bromobenzene	Less Than 0.50	Micrograms per Liter
Bromochloromethane	Less Than 0.50	Micrograms per Liter
Bromodichloromethane	Less Than 0.50	Micrograms per Liter
Bromoform	Less Than 0.50	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
n-Butylbenzene	Less Than 0.50	Micrograms per Liter
sec-Butylbenzene	Less Than 0.50	Micrograms per Liter
tert-Butylbenzene	Less Than 0.50	Micrograms per Liter
Carbon Disulfide	Less Than 0.50	Micrograms per Liter
Carbon Tetrachloride	Less Than 0.50	Micrograms per Liter
Chlorobenzene	Less Than 0.50	Micrograms per Liter
Chloroethane	Less Than 0.50	Micrograms per Liter
Chloroform	Less Than 0.50	Micrograms per Liter

Sample: 5613-5 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Un <u>its</u>
Chloromethane	Less Than 1.0	Micrograms per Liter
2-Chlorotoluene	Less Than 0.50	Micrograms per Liter
4-Chlorotoluene	Less Than 0.50	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 1.0	Micrograms per Liter
Dibromochloromethane .	Less Than 0.50	Micrograms per Liter
1,2-Dibromoethane	Less Than 0.50	Micrograms per Liter
Dibromomethane	Less Than 0.50	Micrograms per Liter
1,2-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
Dichlorodifluoromethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,2-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethene	Less Than 0.50	Micrograms per Liter
, cis-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
1,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,3-Dichloropropane	Less Than 1.0	Micrograms per Liter
2,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,1-Dichloropropene	Less Than 0.50	Micrograms per Liter
cıs-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
Ethyl Benzene	Less Than 0.50	Micrograms per Liter
Hexachlorobutadiene	Less Than 0.50	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 0.50	Micrograms per Liter
p-Isopropyltoluene	Less Than 0.50	Micrograms per Liter
Methylene Chloride	Less Than 0.50	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 1.0	Micrograms per Liter
n-Propylbenzene	Less Than 0.50	Micrograms per Liter
Styrene	Less Than 0.50	Micrograms per Liter
1,1,1,2-Tetrachloroethane	Less Than 0.50	Mıcrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 0.50	Micrograms per Liter

Sample: 5613-5 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Toluene	Less Than 0.50	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
`1,2,4-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 0.50	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 0.50	Micrograms per Liter
Trichloroethene	Less Than 0.50	Micrograms per Liter
Trıchlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,2,3-Trichloropropane	Less Than 0.50	Micrograms per Liter
1,2,4-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
1,3,5-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
Vinyl Chloride	Less Than 0.50	Micrograms per Liter
m and/or p-Xylene	Less Than 0.50	Micrograms per Liter
o-Xylene	Less Than 0.50	Micrograms per Liter

01/10/2012

## **Results of Sample Analysis**

Sample: 5613-6 Project ID: RKA72Q00

Chloroform

These are the results from the analysis of water sample number 5613-6. This sample was collected on 12/13/2011 at the location described as: MGW-06 (AMU-17). If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-6 for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Micrograms per Liter

Analysis/Analyte	Amount Found	Units
Conductivity (Specific Conductivity) by F	ield Measurement	
Conductivity	337	Micromhos per Centimeter
pH of Water by Field Measurement		
pH	6 54	Standard Units (pH)
•	•	, , , , , , , , , , , , , , , , , , ,
Temperature of Water by Field Measurer	<u>ment</u>	
Temperature	11.13	Degrees Celsius
Volatile Organic Compounds (VOCs) in D	rinking Water by Gas Ch	romatography and Mass
Selective Detection (GC/MS)		
Acetone	Less Than 10	Micrograms per Liter
Benzene	Less Than 0.50	Micrograms per Liter
Bromobenzene	Less Than 0.50	Micrograms per Liter
Bromochloromethane	Less Than 0.50	Micrograms per Liter
Bromodichloromethane	Less Than 0.50	Micrograms per Liter
Bromoform	Less Than 0.50	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
n-Butylbenzene	Less Than 0.50	Micrograms per Liter
sec-Butylbenzene	Less Than 0.50	Micrograms per Liter
tert-Butylbenzene	Less Than 0.50	Micrograms per Liter
Carbon Disulfide	Less Than 0.50	Micrograms per Liter
Carbon Tetrachloride	Less Than 0.50	Micrograms per Liter
Chlorobenzene	Less Than 0.50	Micrograms per Liter
Chloroethane	Less Than 0.50	Micrograms per Liter

Less Than 0.50

Sample: 5613-6 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Chloromethane	Less Than 1.0	Micrograms per Liter
2-Chlorotoluene	Less Than 0.50	Micrograms per Liter
4-Chlorotoluene	Less Than 0.50	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 1.0	Micrograms per Liter
Dibromochloromethane	Less Than 0.50	Micrograms per Liter
1,2-Dibromoethane	Less Than 0.50	Micrograms per Liter
Dibromomethane	Less Than 0.50	Micrograms per Liter
1,2-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
Dichlorodifluoromethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,2-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethene	Less Than 0.50	Micrograms per Liter
cıs-1,2-Dıchloroethene	Less Than 0.50	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
1,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,3-Dichloropropane	Less Than 1.0	Micrograms per Liter
2,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,1-Dichloropropene	Less Than 0.50	Micrograms per Liter
cıs-1,3-Dıchloropropene	Less Than 0.50	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
Ethyl Benzene	Less Than 0.50	Micrograms per Liter
Hexachlorobutadiene	Less Than 0.50	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 0.50	Micrograms per Liter
p-Isopropyltoluene	Less Than 0.50	Micrograms per Liter
Methylene Chlonde	Less Than 0.50	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 1.0	Micrograms per Liter
n-Propylbenzene	Less Than 0.50	Micrograms per Liter ,
Styrene	Less Than 0.50	Micrograms per Liter
1,1,1,2-Tetrachloroethane	Less Than 0.50	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 0.50	Micrograms per Liter

Sample: 5613-6 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Toluene	Less Than 0.50	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 0.50	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 0.50	Micrograms per Liter
Trichloroethene	Less Than 0.50	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,2,3-Trichloropropane	Less Than 0.50	Micrograms per Liter
1,2,4-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
1,3,5-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
Vinyl Chloride	Less Than 0.50	Micrograms per Liter
m and/or p-Xylene	Less Than 0.50	Micrograms per Liter
o-Xylene	Less Than 0.50	Micrograms per Liter

01/10/2012

#### **Results of Sample Analysis**

Sample: 5613-7 Project ID: RKA72Q00

Analysis/Analyte

Chlorobenzene

Chloroethane

Chloroform

These are the results from the analysis of water sample number 5613-7. This sample was collected on 12/13/2011 at the location described as: MGW-07 (AMU-12). If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-7 for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

**Amount Found** 

Units

Micrograms per Liter

Micrograms per Liter

Micrograms per Liter

<b>Conductivity (Specific Conductivit</b>	y) by Field Measurement	
Conductivity	382	Micromhos per Centimeter
pH of Water by Field Measuremen	<u>t</u>	
pH	6.51	Standard Units (pH)
Temperature of Water by Field Me	easurement	
Temperature	11.05	Degrees Celsius
Volatile Organia Compounds (VOC	'a' in Duinking Water by Cos (	
Volatile Organic Compounds (VOC Selective Detection (GC/MS)	s) in Drinking Water by Gas C	nromatograpny and Mass
Acetone	Less Than 10	Micrograms per Liter
Benzene	Less Than 0.50	Micrograms per Liter
Bromobenzene	Less Than 0.50	Micrograms per Liter
Bromochloromethane	Less Than 0.50	Micrograms per Liter
Bromodichloromethane	Less Than 0.50	Micrograms per Liter
Bromoform	Less Than 0.50	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
n-Butylbenzene	Less Than 0.50	Micrograms per Liter
sec-Butylbenzene	Less Than 0.50	Micrograms per Liter
tert-Butylbenzene	Less Than 0.50	Micrograms per Liter
Carbon Disulfide	Less Than 0.50	Micrograms per Liter
Carbon Tetrachloride	Less Than 0.50	Micrograms per Liter

Less Than 0.50

Less Than 0.50

Less Than 0.50

Sample: 5613-7 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Chloromethane	Less Than 1.0	Micrograms per Liter
2-Chlorotoluene	Less Than 0.50	Micrograms per Liter
4-Chlorotoluene	Less Than 0.50	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 1.0	Micrograms per Liter
Dibromochloromethane	Less Than 0.50	Micrograms per Liter
1,2-Dibromoethane	Less Than 0.50	Micrograms per Liter
Dibromomethane	Less Than 0.50	Micrograms per Liter
1,2-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
Dichlorodifluoromethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,2-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethene	Less Than 0.50	Micrograms per Liter
cıs-1,2-Dıchloroethene	Less Than 0.50	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
1,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,3-Dichloropropane	Less Than 1.0	Micrograms per Liter
2,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,1-Dichloropropene	Less Than 0.50	Micrograms per Liter
cis-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
Ethyl Benzene	Less Than 0.50	Micrograms per Liter
Hexachlorobutadiene	Less Than 0.50	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 0.50	Micrograms per Liter
p-Isopropyltoluene	Less Than 0.50	Micrograms per Liter
Methylene Chloride	Less Than 0.50	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 1.0	Micrograms per Liter
n-Propylbenzene	Less Than 0.50	Micrograms per Liter
Styrene	Less Than 0.50	Micrograms per Liter
1,1,1,2-Tetrachloroethane	Less Than 0.50	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 0.50	Micrograms per Liter

Sample: 5613-7 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Toluene	Less Than 0.50	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 0.50	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 0.50	Micrograms per Liter
Trichloroethene	Less Than 0.50	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,2,3-Trichloropropane	Less Than 0.50	Micrograms per Liter
1,2,4-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
1,3,5-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
Vinyl Chloride	Less Than 0.50	Micrograms per Liter
m and/or p-Xylene	Less Than 0.50	Mıcrograms per Liter
o-Xylene	Less Than 0.50	Micrograms per Liter

01/10/2012

#### **Results of Sample Analysis**

Sample: 5613-8 Project ID: RKA72Q00

Chloroform

These are the results from the analysis of water sample number 5613-8. This sample was collected on 12/13/2011 at the location described as: MGW-08 (AMU-15). If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-8 for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Micrograms per Liter

Analysis/Analyte	Amount Found	Units
Conductivity (Specific Conductivity)	by Field Measurement	<del></del>
Conductivity	288	Micromhos per Centimeter
pH of Water by Field Measurement		
pH	6.51	Standard Units (pH)
Temperature of Water by Field Mea	curement	
Temperature Temperature	11.01	Degrees Celsius
Volatile Organic Compounds (VOCs)	) in Brinking Water by Cae Ch	remates when and Mass
Selective Detection (GC/MS)	) in Drinking Water by Gas Chr	omatograpny and mass
Acetone	Less Than 10	Micrograms per Liter
Benzene	Less Than 0.50	Micrograms per Liter
Bromobenzene	Less Than 0.50	Micrograms per Liter
Bromochloromethane	Less Than 0.50	Micrograms per Liter
Bromodichloromethane	Less Than 0.50	Micrograms per Liter
Bromoform	Less Than 0.50	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
n-Butylbenzene	Less Than 0.50	Micrograms per Liter
sec <sup>2</sup> Butylbenzene	Less Than 0.50	Micrograms per Liter
tert-Butylbenzene	Less Than 0.50	Micrograms per Liter
Carbon Disulfide	Less Than 0.50	Micrograms per Liter 、
Carbon Tetrachloride	Less Than 0.50	Micrograms per Liter
Chlorobenzene	Less Than 0.50	Micrograms per Liter
Chloroethane	Less Than 0.50	Micrograms per Liter

Less Than 0.50

Sample: 5613-8 Project ID: RKA72Q00

_Analysis/Analyte	Amount Found	Units
Chloromethane	Less Than 1.0	Micrograms per Liter
2-Chlorotoluene	Less Than 0.50	Micrograms per Liter
4-Chlorotoluene	Less Than 0.50	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 1.0	Micrograms per Liter
Dibromochloromethane	Less Than 0.50	Micrograms per Liter
1,2-Dibromoethane	Less Than 0.50	Mıcrograms per Liter
Dibromomethane	Less Than 0.50	Micrograms per Liter
1,2-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
Dichlorodifluoromethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,2-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethene	Less Than 0.50	Micrograms per Liter
cis-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
1,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,3-Dichloropropane	Less Than 1.0	Micrograms per Liter
2,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,1-Dichloropropene	Less Than 0.50	Micrograms per Liter
cis-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
Ethyl Benzene	Less Than 0.50	Micrograms per Liter
Hexachlorobutadiene	Less Than 0.50	Micrograms per Liter
2-Ңexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 0.50	Micrograms per Liter
p-Isopropyltoluene	Less Than 0.50	Micrograms per Liter
Methylene Chlonde	Less Than 0.50	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 1.0	Micrograms per Liter
n-Propylbenzene	Less Than 0.50	Micrograms per Liter
Styrene	Less Than 0.50	Micrograms per Liter
1,1,1,2-Tetrachloroethane	Less Than 0.50	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 0.50	Micrograms per Liter

Sample: 5613-8 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units '
Toluene	Less Than 0.50	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 0.50	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 0.50	Micrograms per Liter
Trichloroethene	Less Than 0.50	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,2,3-Trichloropropane	Less Than 0.50	Micrograms per Liter
1,2,4-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
1,3,5-Trimethylbenzene	Less Than 0.50	Mıcrogramş per Lıter
Vinyl Chloride	Less Than 0.50	Micrograms per Liter
m and/or p-Xylene	Less Than 0.50	Micrograms per Liter
o-Xylene ·	Less Than 0.50	Micrograms per Liter

01/10/2012

#### **Results of Sample Analysis**

Sample: 5613-9 Project ID: RKA72Q00

Chloroform

These are the results from the analysis of water sample number 5613-9. This sample was collected on 12/13/2011 at the location described as: MGW-09 (AMU-14). If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-9 for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Micrograms per Liter

Analysis/Analyte	Amount Found	Units
Conductivity (Specific Conductivity) by Fiel	d Measurement	,
Conductivity	279	Micromhos per Centimeter
pH of Water by Field Measurement		
pH	6.38	Standard Units (pH)
Temperature of Water by Field Measureme	nt	
Temperature	11.07	Degrees Celsius
Volatile Organic Compounds (VOCs) in Drin	ıking Water by Gas Chro	matography and Mass
Selective Detection (GC/MS)	ining viator by dab differ	nategraphy and trace
Acetone	Less Than 10	Micrograms per Liter
Benzene	Less Than 0.50	Micrograms per Liter
Bromobenzene	Less Than 0.50	Micrograms per Liter
Bromochloromethane	Less Than 0.50	Micrograms per Liter
Bromodichloromethane	Less Than 0.50	Micrograms per Liter
Bromoform	Less Than 0.50	Micrograms per Liter
Bromomethane .	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
n-Butylbenzene -	Less Than 0.50	Micrograms per Liter
sec-Butylbenzene	Less Than 0.50	Micrograms per Liter
tert-Butylbenzene	Less Than 0.50	Micrograms per Liter
Carbon Disulfide	Less Than 0.50	Micrograms per Liter
Carbon Tetrachloride	Less Than 0.50	Micrograms per Liter
Chlorobenzene	Less Than 0.50	Micrograms per Liter
Chloroethane	Less Than 0.50	Micrograms per Liter

Less Than 0.50

Sample: 5613-9 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Chloromethane	Less Than 1.0	Micrograms per Liter
2-Chlorotoluene	Less Than 0.50	Micrograms per Liter
4-Chlorotoluene	Less Than 0.50	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 1.0	Micrograms per Liter
Dibromochloromethane	Less Than 0.50	Micrograms per Liter
1,2-Dibromoethane	Less Than 0.50	Micrograms per Liter
Dibromomethane	Less Than 0.50	Micrograms per Liter
1,2-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
Dichlorodifluoromethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,2-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethene	Less Than 0.50	Micrograms per Liter
cis-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
1,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,3-Dichloropropane	Less Than 1.0	Micrograms per Liter
2,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,1-Dichloropropene	Less Than 0.50	Micrograms per Liter
cis-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
Ethyl Benzene	Less Than 0.50	Micrograms per Liter
Hexachlorobutadiene	Less Than 0.50	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 0.50	Micrograms per Liter
p-Isopropyltoluene	Less Than 0.50	Micrograms per Liter
Methylene Chloride	Less Than 0.50	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 1.0	Micrograms per Liter
n-Propylbenzene	Less Than 0.50	Micrograms per Liter
Styrene	Less Than 0.50	Micrograms per Liter
1,1,1,2-Tetrachloroethane	Less Than 0.50	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 0.50	Micrograms per Liter
•		

Sample: 5613-9 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Toluene	Less Than 0.50	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 0.50	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 0.50 `	Micrograms per Liter
Trichloroethene	Less Than 0.50	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,2,3-Trichloropropane	Less Than 0.50	Micrograms per Liter
1,2,4-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
1,3,5-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
Vinyl Chloride	Less Than 0.50	Micrograms per Liter
m and/or p-Xylene	Less Than 0.50	Micrograms per Liter
o-Xylene	Less Than 0.50	Micrograms per Liter

01/10/2012

#### **Results of Sample Analysis**

Sample: 5613-10 Project ID: RKA72Q00

**Analysis/Analyte** 

These are the results from the analysis of water sample number 5613-10. This sample was collected on 12/13/2011 at the location described as: MGW-10 (AMU-6). If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-10 for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

**Amount Found** 

Units

Allarysis/ Allaryte	Amount round	<u> </u>	
Conductivity (Specific Conductivity) by Field Measurement			
Conductivity	398	Micromhos per Centimeter	
pH of Water by Field Measurement			
pH	6.48	Standard Units (pH)	
·		Standard Simb (pri)	
Temperature of Water by Field Measureme	<u>ent</u>		
Temperature	11.47	Degrees Celsius	
Volatile Organic Compounds (VOCs) in Dri	nking Water by Gas Chro	matography and Mass	
Selective Detection (GC/MS)		<del></del>	
Acetone	Less Than 10	Micrograms per Liter	
Benzene	Less Than 0.50	Micrograms per Liter	
Bromobenzene	Less Than 0.50	Micrograms per Liter	
Bromochloromethane	Less Than 0.50	Micrograms per Liter	
Bromodichloromethane	Less Than 0.50	Micrograms per Liter	
Bromoform	Less Than 0.50	Micrograms per Liter	
Bromomethane	Less Than 1.0	Micrograms per Liter	
2-Butanone	Less Than 5.0	Micrograms per Liter	
n-Butylbenzene	Less Than 0.50	Micrograms per Liter	
sec-Butylbenzene	Less Than 0.50	Micrograms per Liter	
tert-Butylbenzene	Less Than 0.50	Micrograms per Liter	
Carbon Disulfide	Less Than 0.50	Micrograms per Liter	
Carbon Tetrachloride	Less Than 0.50	Micrograms per Liter	
Chlorobenzene	Less Than 0.50	Micrograms per Liter	
Chloroethane	Less Than 0.50	Micrograms per Liter	
Chloroform	Less Than 0.50	Micrograms per Liter	

Sample: 5613-10 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Chloromethane	Less Than 1.0	Micrograms per Liter
2-Chlorotoluene	Less Than 0.50	Micrograms per Liter
4-Chlorotoluene	Less Than 0.50	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 1.0	Micrograms per Liter
Dibromochloromethane	Less Than 0.50	Micrograms per Liter
1,2-Dibromoethane	Less Than 0.50	Micrograms per Liter
Dibromomethane	Less Than 0.50	Micrograms per Liter
1,2-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
Dichlorodifluoromethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,2-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethene	Less Than 0.50	Micrograms per Liter
cıs-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
1,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,3-Dichloropropane	Less Than 1.0	Micrograms per Liter
2,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,1-Dichloropropene	Less Than 0.50	Micrograms per Liter
cıs-1,3-Dıchloropropene	Less Than 0.50	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
Ethyl Benzene	Less Than 0.50	Micrograms per Liter
Hexachlorobutadiene	Less Than 0.50	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 0.50	Micrograms per Liter
p-Isopropyltoluene	Less Than 0.50	Micrograms per Liter
Methylene Chlonde	Less Than 0.50	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 1.0	Micrograms per Liter
n-Propylbenzene	Less Than 0.50	Micrograms per Liter
Styrene	Less Than 0.50	Micrograms per Liter
1,1,1,2-Tetrachloroethane	Less Than 0.50	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	3.6	Micrograms per Liter

Sample: 5613-10 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
Toluene	Less Than 0.50	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 0.50	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 0.50	· Micrograms per Liter
Trichloroethene	Less Than 0.50	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,2,3-Trichloropropane	Less Than 0.50	Micrograms per Liter
1,2,4-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
1,3,5-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
Vinyl Chloride	Less Than 0.50	Micrograms per Liter
m and/or p-Xylene	Less Than 0.50	Micrograms per Liter
o-Xylene	Less Than 0.50	Micrograms per Liter

01/10/2012

# **Results of Sample Analysis**

Sample: 5613-11-FB Project ID: RKA72Q00

These are the results from the analysis of water sample number 5613-11-FB. This sample was collected on 12/07/2011 at the location described as: MGW-DW VOA Trip Blank sample. If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-11-FB for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds (VOCs)	in Drinking Water by Gas Ch	romatography and Mass
Selective Detection (GC/MS)		,
Acetone	Less Than 10	Micrograms per Liter
Benzene	Less Than 0.50	Micrograms per Liter
Bromobenzene	Less Than 0.50	Micrograms per Liter
Bromochloromethane	Less Than 0.50	Micrograms per Liter
Bromodichloromethane	Less Than 0.50	Micrograms per Liter
Bromoform	Less Than 0.50	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
n-Butylbenzene	Less Than 0.50	Micrograms per Liter
sec-Butylbenzene	Less Than 0.50	Micrograms per Liter
tert-Butylbenzene	Less Than 0.50	Micrograms per Liter
Carbon Disulfide	Less Than 0.50	Micrograms per Liter
Carbon Tetrachloride	Less Than 0.50	Micrograms per Liter
Chlorobenzene	Less Than 0.50	Micrograms per Liter
Chloroethane	Less Than 0.50	Micrograms per Liter
Chloroform	Less Than 0.50	Micrograms per Liter
Chloromethane	Less Than 1.0	Micrograms per Liter
2-Chlorotoluene	Less Than 0.50	Micrograms per Liter
4-Chlorotoluene	Less Than 0.50	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 1.0	Micrograms per Liter
Dibromochloromethane	Less Than 0.50	Micrograms per Liter
1,2-Dibromoethane	Less Than 0.50	Micrograms per Liter
Dibromomethane	Less Than 0.50	Micrograms per Liter

Sample: 5613-11-FB Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
1,2-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
Dichlorodifluoromethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,2-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethene	Less Than 0.50	Micrograms per Liter
cis-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
1,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,3-Dichloropropane	Less Than 1.0	Micrograms per Liter
2,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,1-Dichloropropene	Less Than 0.50	Micrograms per Liter
cis-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
Ethyl Benzene	Less Than 0.50	Micrograms per Liter
Hexachlorobutadiene	Less Than 0.50	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 0.50	Micrograms per Liter
p-Isopropyltoluene	Less Than 0.50	Micrograms per Liter
Methylene Chloride	Less Than 0.50	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 1.0	Micrograms per Liter
n-Propylbenzene	Less Than 0.50	Micrograms per Liter
Styrene	Less Than 0.50	Micrograms per Liter
1,1,1,2-Tetrachloroethane	Less Than 0.50	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 0.50	Micrograms per Liter
Toluene	Less Than 0.50	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 0.50	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 0.50	Micrograms per Liter
Trichloroethene	Less Than 0.50	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
•	ı	

Sample: 5613-11-FB Project ID: RKA72Q00

Analysis/Analyte	Amount Found	<u>Units</u>
1,2,3-Trichloropropane	Less Than 0.50	Micrograms per Liter
1,2,4-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
1,3,5-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
Vinyl Chloride	Less Than 0.50	Mıcrograms per Liter
m and/or p-Xylene	Less Than 0.50	Micrograms per Liter
o-Xylene	Less Than 0 50	Micrograms per Liter

01/10/2012

#### **Results of Sample Analysis**

Sample: 5613-12-FB Project ID: RKA72Q00

These are the results from the analysis of water sample number 5613-12-FB. This sample was collected on 12/13/2011 at the location described as: DW VOA Field Blank sample. If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-12-FB for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds (VOCs)	in Drinking Water by Gas Ch	romatography and Mass
Selective Detection (GC/MS)		
Acetone	Less Than 10	Micrograms per Liter
Benzene	Less Than 0.50	Micrograms per Liter
Bromobenzene ·	Less Than 0.50	Micrograms per Liter
Bromochloromethane	Less Than 0.50	Micrograms per Liter
Bromodichloromethane	Less Than 0.50	Micrograms per Liter
Bromoform	Less Than 0.50	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
n-Bútylbenzene	Less Than 0.50	Micrograms per Liter
sec-Butylbenzene	Less Than 0.50	Micrograms per Liter
tert-Butylbenzene	Less Than 0.50	Micrograms per Liter
Carbon Disulfide	Less Than 0.50	Micrograms per Liter
Carbon Tetrachloride	Less Than 0.50	Micrograms per Liter
Chlorobenzene	Less Than 0.50	Micrograms per Liter
Chloroethane	Less Than 0.50	Micrograms per Liter
Chloroform	Less Than 0.50	Micrograms per Liter
Chloromethane	Less Than 1.0	Micrograms per Liter
2-Chlorotoluene	Less Than 0.50	Micrograms per Liter
4-Chlorotoluene	Less Than 0.50	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 1.0	Micrograms per Liter
Dibromochloromethane	Less Than 0.50	Micrograms per Liter
1,2-Dibromoethane	Less Than 0.50	Micrograms per Liter
Dibromomethane	Less Than 0.50	Micrograms per Liter

Sample: 5613-12-FB Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
1,2-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 0.50	Micrograms per Liter
Dichlorodifluoromethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,2-Dichloroethane	Less Than 0.50	Micrograms per Liter
1,1-Dichloroethene	Less Than 0.50	Micrograms per Liter
cıs-1,2-Dıchloroethene	Less Than 0.50	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 0.50	Micrograms per Liter
1,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,3-Dichloropropane	Less Than 1.0	Micrograms per Liter
2,2-Dichloropropane	Less Than 0.50	Micrograms per Liter
1,1-Dichloropropene	Less Than 0.50	Micrograms per Liter
cis-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 0.50	Micrograms per Liter
Ethyl Benzene	Less Than 0.50	Micrograms per Liter
Hexachlorobutadiene	Less Than 0.50	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 0.50	Micrograms per Liter
p-Isopropyltoluene	Less Than 0.50	Micrograms per Liter
Methylene Chlonde	Less Than 0.50	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 1.0	Micrograms per Liter
n-Propylbenzene	Less Than 0.50	Micrograms per Liter
Styrene	Less Than 0.50	Micrograms per Liter
1,1,1,2-Tetrachloroethane	Less Than 0.50	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 0.50	Micrograms per Liter
Toluene	Less Than 0.50	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 0.50	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 0.50	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 0.50	Micrograms per Liter
Trichloroethene	Less Than 0.50	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter

Sample: 5613-12-FB Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units `
1,2,3-Trichloropropane	Less Than 0.50	Micrograms per Liter
1,2,4-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
1,3,5-Trimethylbenzene	Less Than 0.50	Micrograms per Liter
Vinyl Chloride	Less Than 0.50	Micrograms per Liter
m and/or p-Xylene	Less Than 0.50	Micrograms per Liter
o-Xvlene	Less Than 0.50	Micrograms per Liter

01/10/2012

#### **Results of Sample Analysis**

Sample: 5613-101 Project ID: RKA72Q00

These are the results from the analysis of water sample number 5613-101. This sample was collected on 12/12/2011 at the location described as: GW-01 (MW-1). If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-101 for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Analysis/Analyte	Amount Found	Units
Conductivity (Specific Conductivity) by Fiel	d Measurement	
Conductivity	528	Micromhos per Centimeter
pH of Water by Field Measurement		
pH	6.69	Standard Units (pH)
•		Canada Cinto (pri)
<u>Temperature of Water by Field Measurement</u>	<u>nt</u>	
Temperature ,	12.41	Degrees Celsius
Volatile Organic Compounds (VOCs) in Wat	er by Gas Chromatograp	hy and Mass Selective
Detection (GC/MS) for Low Detection Limit	S	
Acetone	Less Than 5.0	Micrograms per Liter
Benzene	Less Than 1.0	Micrograms per Liter
Bromodichloromethane	Less Than 1.0	Micrograms per Liter
Bromoform	Less Than 1.0	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
Carbon Disulfide	Less Than 1.0	Micrograms per Liter
Carbon Tetrachloride	Less Than 1.0	Micrograms per Liter
Chlorobenzene	Less Than 1.0	Micrograms per Liter
Chloroethane	Less Than 1.0	Micrograms per Liter
Chloroform	Less Than 1.0	Micrograms per Liter
Chloromethane	Less Than 1.0	Micrograms per Liter
Cyclohexane	Less Than 1.0	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 5.0	Micrograms per Liter
Dibromochloromethane	Less Than 1.0	Micrograms per Liter
1,2-Dibromoethane	Less Than 1.0	Micrograms per Liter

Sample: 5613-101 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units -
1,2-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
Dichlorodifluoromethane	Less Than 1.0	Micrograms per Liter
1,1-Dichloroethane	Less Than 1.0	Micrograms per Liter
1,2-Dichloroethane	Less Than 1.0	Micrograms per Liter
1,1-Dichloroethene	Less Than 1.0	Micrograms per Liter
cıs-1,2-Dıchloroethene	Less Than 1.0	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 1.0	Micrograms per Liter
1,2-Dichloropropane	Less Than 1.0	Micrograms per Liter
cıs-1,3-Dıchloropropene	Less Than 1.0	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 1.0	Micrograms per Liter
Ethyl Benzene	Less Than 1.0	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 1.0	Micrograms per Liter
Methyl Acetate	Less Than 5.0	Micrograms per Liter
Methyl tert-butyl ether	Less Than 1.0	Micrograms per Liter
Methylcyclohexane	Less Than 1.0	Micrograms per Liter
Methylene Chloride	Less Than 1.0	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 2.0	Micrograms per Liter
Styrene	Less Than 1.0	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 1.0	Micrograms per Liter
Toluene	Less Than 1.0	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 1.0	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 1.0	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 1.0	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 1.0	Micrograms per Liter
Trichloroethene	Less Than 1.0	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,1,2-Trichlorotrifluoroethane	Less Than 1.0	Micrograms per Liter
Vinyl Chloride	Less Than 1.0	Micrograms per Liter
m and/or p-Xylene	Less Than 2.0	Micrograms per Liter
o-Xylene	Less Than 1.0	Micrograms per Liter

01/10/2012

#### **Results of Sample Analysis**

Sample: 5613-102 Project ID: RKA72Q00

Analysis/Analyte

These are the results from the analysis of water sample number 5613-102. This sample was collected on 12/13/2011 at the location described as: GW-02 (MW-3). If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-102 for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

**Amount Found** 

Units

7444176407744121746	741104110704114	<u> </u>
Conductivity (Specific Conductivity) by	y Field Measurement	-
Conductivity	593	Micromhos per Centimeter
pH of Water by Field Measurement		
pH	6.41	Standard Units (pH)
•		Standard Olina (ph)
Temperature of Water by Field Measur	<u>rement</u>	-
Temperature	13.12	Degrees Celsius
Volatile Organic Compounds (VOCs) in	Water by Gas Chromatog	raphy and Mass Selective
Detection (GC/MS) for Low Detection	<u>Limits</u>	
Acetone	Less Than 5.0	Micrograms per Liter
Benzene	Less Than 1.0	Micrograms per Liter
Bromodichloromethane	Less Than 1.0	Micrograms per Liter
Bromoform	Less Than 1.0	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
Carbon Disulfide	Less Than 1.0	Micrograms per Liter
Carbon Tetrachloride	Less Than 1.0	Micrograms per Liter
Chlorobenzene	Less Than 1.0	Micrograms per Liter
Chloroethane	Less Than 1.0	Micrograms per Liter
Chloroform	Less Than 1.0	Micrograms per Liter
Chloromethane	Less Than 1.0	Micrograms per Liter
Cyclohexane	Less Than 1.0	Micrograms per Liter '
1,2-Dibromo-3-Chloropropane	Less Than 5.0	Micrograms per Liter
Dibromochloromethane	Less Than 1.0	Micrograms per Liter
1,2-Dibromoethane	Less Than 1.0	Micrograms per Liter

Sample: 5613-102 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	· Units
1,2-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
Dichlorodifluoromethane	Less Than 1.0	Micrograms per Liter
1,1-Dichloroethane	Less Than 1.0	Micrograms per Liter
1,2-Dichloroethane	Less Than 1.0	Micrograms per Liter
1,1-Dichloroethene	Less Than 1.0	Micrograms per Liter
cis-1,2-Dıchloroethene	Less Than 1.0	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 1.0	Micrograms per Liter
1,2-Dichloropropane	Less Than 1.0	Micrograms per Liter
cıs-1,3-Dichloropropene	Less Than 1.0	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 1.0	Micrograms per Liter
Ethyl Benzene	Less Than 1.0	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 1.0	Micrograms per Liter
Methyl Acetate	Less Than 5.0	Micrograms per Liter
Methyl tert-butyl ether	Less Than 1.0	Micrograms per Liter
Methylcyclohexane	Less Than 1.0	Micrograms per Liter
Methylene Chloride	Less Than 1.0	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene .	Less Than 2.0	Micrograms per Liter
Styrene	Less Than 1.0	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 1.0	Micrograms per Liter
Toluene	Less Than 1.0	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 1.0	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 1.0	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 1.0	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 1.0	Micrograms per Liter
Trichloroethene	Less Than 1.0	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,1,2-Trichlorotrifluoroethane	Less Than 1.0	Micrograms per Liter
Vinyl Chloride	Less Than 1.0	Micrograms per Liter
m and/or p-Xylene	Less Than 2.0	Micrograms per Liter
o-Xylene	Less Than 1.0	Micrograms per Liter

01/10/2012

#### **Results of Sample Analysis**

Sample: 5613-103 Project ID: RKA72Q00

These are the results from the analysis of water sample number 5613-103. This sample was collected on 12/14/2011 at the location described as: GW-03 (MW-2). If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-103 for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Analysis/Analyte	Amount Found	Units
<b>Conductivity (Specific Conductivity)</b>	by Field Measurement	
Conductivity	638	Micromhos per Centimeter
pH of Water by Field Measurement	r	
рН	6.11	Standard Units (pH)
Temperature of Water by Field Mea	<u>Surement</u>	
Temperature	13.20	Degrees Celsius
Volatile Organic Compounds (VOCs)	) in Water by Gas Chromatog	raphy and Mass Selective
Detection (GC/MS) for Low Detection		
Acetone	Less Than 5.0	Micrograms per Liter
Benzene	Less Than 1.0	Micrograms per Liter
Bromodichloromethane	Less Than 1.0	Micrograms per Liter
Bromoform	Less Than 1.0	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
Carbon Disulfide	Less Than 1.0	Micrograms per Liter
Carbon Tetrachloride	Less Than 1.0	Micrograms per Liter
Chlorobenzene	Less Than 1.0	Micrograms per Liter
Chloroethane	Less Than 1.0	Micrograms per Liter
Chloroform	Less Than 1.0	Micrograms per Liter
Chloromethane	Less Than 1.0	Micrograms per Liter
Cyclohexane	Less Than 1.0	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 5.0	Micrograms per Liter
Dibromochloromethane	Less Than 1.0	Micrograms per Liter
1,2-Dibromoethane	Less Than 1.0	Micrograms per Liter

Sample: 5613-103 Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
1,2-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
Dichlorodifluoromethane	Less Than 1.0	Micrograms per Liter
1,1-Dichloroethane	Less Than 1.0	Micrograms per Liter
1,2-Dichloroethane	Less Than 1.0	Micrograms per Liter
1,1-Dichloroethene	Less Than 1.0	Micrograms per Liter
cıs-1,2-Dichloroethene	3.7	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 1.0	Micrograms per Liter
1,2-Dichloropropane	Less Than 1.0	Micrograms per Liter
cis-1,3-Dıchloropropene	Less Than 1.0	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 1.0	Micrograms per Liter
Ethyl Benzene	Less Than 1.0	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 1.0	Micrograms per Liter
Methyl Acetate	Less Than 5.0	Micrograms per Liter
Methyl tert-butyl ether	Less Than 1.0	Micrograms per Liter
Methylcyclohexane	Less Than 1.0	Micrograms per Liter
Methylene Chloride	Less Than 1.0	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 2.0	Micrograms per Liter
Styrene	Less Than 1.0	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	2500	Micrograms per Liter
Toluene	Less Than 1.0	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 1.0	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 1.0	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 1.0	.Micrograms per Liter
1,1,2-Trichloroethane	Less Than 1.0	Micrograms per Liter
Trichloroethene	Less Than 1.0	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,1,2-Trichlorotrifluoroethane	Less Than 1.0	Micrograms per Liter
Vınyl Chloride	Less Than 1.0	Micrograms per Liter
m and/or p-Xylene	Less Than 2.0	Micrograms per Liter
o-Xylene	Less Than 1.0	Micrograms per Liter

01/10/2012

#### **Results of Sample Analysis**

Sample: 5613-103-FD Project ID: RKA72Q00

These are the results from the analysis of water sample number 5613-103-FD. This sample was collected on 12/14/2011 at the location described as: GW-03 (MW-2)/Field Duplicate of sample 103. If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-103-FD for project: RKA72Q00 -Atlantic Water Supply - Site Reassessment sampling.

Analysis/Analyte	Amount Found	Units
Conductivity (Specific Conductivity) by Fig	eld Measurement	
Conductivity	638	Micromhos per Centimeter
pH of Water by Field Measurement		ı
рН	6.11	Standard Units (pH)
Temperature of Water by Field Measureme	<u>ent</u>	•
Temperature	13.20	Degrees Celsius
Volatile Organic Compounds (VOCs) in Wa	ter by Gas Chromatogr	aphy and Mass Selective
Detection (GC/MS) for Low Detection Limit	its	
Acetone	Less Than 5.0	Micrograms per Liter
Benzene	Less Than 1.0	Micrograms per Liter
Bromodichloromethane	Less Than 1.0	Micrograms per Liter
Bromoform	Less Than 1.0	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
Carbon Disulfide	Less Than 1.0	Micrograms per Liter
Carbon Tetrachloride	Less Than 1.0	Micrograms per Liter
Chlorobenzene	Less Than 1.0	Micrograms per Liter
Chloroethane	Less Than 1.0	Micrograms per Liter
Chloroform	Less Than 1.0	Micrograms per Liter
Chloromethane	Less Than 1.0	, Micrograms per Liter
Cyclohexane	Less Than 1.0	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 5.0	Micrograms per Liter
Dibromochloromethane	Less Than 1.0	Micrograms per Liter
1,2-Dibromoethane	Less Than 1.0	Micrograms per Liter

Sample: 5613-103-FD Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
1,2-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
Dichlorodifluoromethane	Less Than 1.0	Micrograms per Liter
1,1-Dichloroethane	Less Than 1.0	Micrograms per Liter
1,2-Dichloroethane	Less Than 1.0	Micrograms per Liter
1,1-Dichloroethene	Less Than 1.0	Micrograms per Liter
cıs-1,2-Dıchloroethene	3.8	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 1.0	Micrograms per Liter
1,2-Dichloropropane	Less Than 1.0	Micrograms per Liter
cis-1,3-Dichloropropene	Less Than 1.0	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 1.0	Micrograms per Liter
Ethyl Benzene	Less Than 1.0	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 1.0	Micrograms per Liter
Methyl Acetate	Less Than 5.0	Micrograms per Liter
Methyl tert-butyl ether	Less Than 1.0	Micrograms per Liter
Methylcyclohexane	Less Than 1.0	Micrograms per Liter
Methylene Chloride ,	Less Than 1.0	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 2.0	Micrograms per Liter
Styrene	Less Than 1.0	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	2400	Micrograms per Liter
Toluene	Less Than 1.0	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 1.0	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 1.0	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 1.0	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 1.0	Micrograms per Liter
Trichloroethene	Less Than 1.0	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,1,2-Trichlorotrifluoroethane	Less Than 1.0	Micrograms per Liter
Vinyl Chloride	Less Than 1.0	Micrograms per Liter
m and/or p-Xylene	Less Than 2.0	Micrograms per Liter
o-Xylene	Less Than 1.0	Micrograms per Liter

01/10/2012

#### **Results of Sample Analysis**

Sample: 5613-105-FB Project ID: RKA72Q00

These are the results from the analysis of water sample number 5613-105-FB. This sample was collected on 12/07/2011 at the location described as: LDL VOA Trip Blank sample. If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-105-FB for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

Analysis/Analyte	Amount Found	Units
Volatile Organic Compounds (VOCs) in		raphy and Mass Selective
Detection (GC/MS) for Low Detection		
Acetone	Less Than 5.0	Micrograms per Liter
Benzene	Less Than 1.0	Micrograms per Liter
Bromodichloromethane	Less Than 1.0	Micrograms per Liter
Bromoform	Less Than 1.0	Micrograms per Liter
Bromomethane	Less Than 1.0	Micrograms per Liter
2-Butanone	Less Than 5.0	Micrograms per Liter
Carbon Disulfide	Less Than 1.0	Micrograms per Liter
Carbon Tetrachloride	Less Than 1.0	_ Micrograms per Liter
Chlorobenzene	Less Than 1.0	Micrograms per Liter
Chloroethane	Less Than 1.0	Micrograms per Liter
Chloroform	Less Than 1.0	Micrograms per Liter
Chloromethane	Less Than 1.0	Micrograms per Liter
Cyclohexane	Less Than 1.0	Micrograms per Liter
1,2-Dibromo-3-Chloropropane	Less Than 5.0	Micrograms per Liter
Dibromochloromethane	Less Than 1.0	Micrograms per Liter
1,2-Dibromoethane	Less Than 1.0	Micrograms per Liter
1,2-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
1,3-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
1,4-Dichlorobenzene	Less Than 1.0	Micrograms per Liter
Dichlorodifluoromethane	Less Than 1.0	Micrograms per Liter
1,1-Dichloroethane	Less Than 1.0	Micrograms per Liter
1,2-Dichloroethane	Less Than 1.0	Micrograms per Liter
1,1-Dichloroethene	Less Than 1.0	Micrograms per Liter

Sample: 5613-105-FB Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
cis-1,2-Dichloroethene	Less Than 1.0	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 1.0	Micrograms per Liter .
1,2-Dichloropropane	Less Than 1.0	Micrograms per Liter
cıs-1,3-Dıchloropropene	Less Than 1.0	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 1.0	Micrograms per Liter
Ethyl Benzene	Less Than 1.0	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 1.0	Micrograms per Liter
Methyl Acetate	Less Than 5.0	Micrograms per Liter
Methyl tert-butyl ether	Less Than 1.0	Micrograms per Liter
Methylcyclohexane	Less Than 1.0	Micrograms per Liter
Methylene Chloride	Less Than 1.0	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	Micrograms per Liter
Naphthalene	Less Than 2.0	Micrograms per Liter
Styrene	Less Than 1.0	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 1.0	Micrograms per Liter
Toluene	Less Than 1.0	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 1.0	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 1.0	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 1.0	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 1.0	Micrograms per Liter
Trichloroethene	Less Than 1.0	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,1,2-Trichlorotrifluoroethane	Less Than 1.0	Micrograms per Liter
Vinyl Chloride	Less Than 1.0	Micrograms per Liter
m and/or p-Xylene	Less Than 2.0	Micrograms per Liter
o-Xylene	Less Than 1.0	Micrograms per Liter

01/10/2012

#### **Results of Sample Analysis**

Sample: 5613-107-FB Project ID: RKA72Q00

These are the results from the analysis of water sample number 5613-107-FB. This sample was collected on 12/14/2011 at the location described as: LDL VOA Field Blank sample. If you have any questions about these results, contact Ron King at the above address or by calling 913-551-7568. Correspondence should refer to sample number 5613-107-FB for project: RKA72Q00 - Atlantic Water Supply - Site Reassessment sampling.

	,			
Analysis/Analyte	Amount Found	Units		
Volatile Organic Compounds (VOCs) in Water by Gas Chromatography and Mass Selective				
Detection (GC/MS) for Low Detection	<u>n Limits</u>			
Acetone	Less Than; 5.0	Micrograms per Liter		
Benzene	Less Than 1.0	Micrograms per Liter		
Bromodichloromethane	Less Than 1.0	Micrograms per Liter ,		
Bromoform	Less Than 1.0	Micrograms per Litèr		
Bromomethane	Less Than 1.0	Micrograms per Liter		
2-Butanone	Less Than 5.0	Micrograms per Liter		
Carbon Disulfide	Less Than 1.0	Micrograms per Liter		
Carbon Tetrachloride	Less Than 1.0	Micrograms per Liter		
Chlorobenzene	Less Than 1.0	Micrograms per Liter		
Chloroethane	Less Than 1.0	Micrograms per Liter		
Chloroform	Less Than 1.0	Micrograms per Liter		
Chloromethane	Less Than 1.0	Micrograms per Liter		
Cyclohexane	Less Than 1.0	Micrograms per Liter		
1,2-Dibromo-3-Chloropropane	Less Than 5.0	Micrograms per Liter		
Dibromochloromethane	Less Than 1.0	Micrograms per Liter		
1,2-Dibromoethane	Less Than 1.0	Micrograms per Liter		
1,2-Dichlorobenzene	Less Than 1.0	Micrograms per Liter		
1,3-Dichlorobenzene	Less Than 1.0	Micrograms per Liter		
1,4-Dichlorobenzene	Less Than 1.0	Micrograms per Liter		
Dichlorodifluoromethane	Less Than 1.0	Mıcrograms per Liter		
1,1-Dichloroethane	Less Than 1.0	Micrograms per Liter		
1,2-Dichloroethane	Less Than 1.0	Micrograms per Liter		
1,1-Dichloroethene	Less Than 1.0	Micrograms per Liter		

Sample: 5613-107-FB Project ID: RKA72Q00

Analysis/Analyte	Amount Found	Units
cis-1,2-Dichloroethene	Less Than 1.0	Micrograms per Liter
trans-1,2-Dichloroethene	Less Than 1.0	Micrograms per Liter
1,2-Dichloropropane	Less Than 1.0	Micrograms per Liter
cıs-1,3-Dıchloropropene	Less Than 1.0	Micrograms per Liter
trans-1,3-Dichloropropene	Less Than 1.0	Micrograms per Liter
Ethyl Benzene	Less Than 1.0	Micrograms per Liter
2-Hexanone	Less Than 5.0	Micrograms per Liter
Isopropylbenzene	Less Than 1.0	Micrograms per Liter
Methyl Acetate	Less Than 5.0	Micrograms per Liter
Methyl tert-butyl ether	Less Than 1.0	Micrograms per Liter
Methylcyclohexane	Less Than 1.0	Micrograms per Liter
Methylene Chloride	Less Than 1.0	Micrograms per Liter
4-Methyl-2-Pentanone	Less Than 5.0	, Micrograms per Liter
Naphthalene	Less Than 2.0	Micrograms per Liter
Styrene	Less Than 1.0	Micrograms per Liter
1,1,2,2-Tetrachloroethane	Less Than 1.0	Micrograms per Liter
Tetrachloroethene	Less Than 1.0	Micrograms per Liter
Toluene	Less Than 1.0	Micrograms per Liter
1,2,3-Trichlorobenzene	Less Than 1.0	Micrograms per Liter
1,2,4-Trichlorobenzene	Less Than 1.0	Micrograms per Liter
1,1,1-Trichloroethane	Less Than 1.0	Micrograms per Liter
1,1,2-Trichloroethane	Less Than 1.0	Micrograms per Liter
Trichloroethene	Less Than 1.0	Micrograms per Liter
Trichlorofluoromethane	Less Than 1.0	Micrograms per Liter
1,1,2-Trichlorotrifluoroethane	Less Than 1.0	Micrograms per Liter
Vinyl Chloride	Less Than 1.0	Micrograms per Liter
m and/or p-Xylene	Less Than 2.0	Micrograms per Liter
o-Xylene	Less Than 1.0	Micrograms per Liter